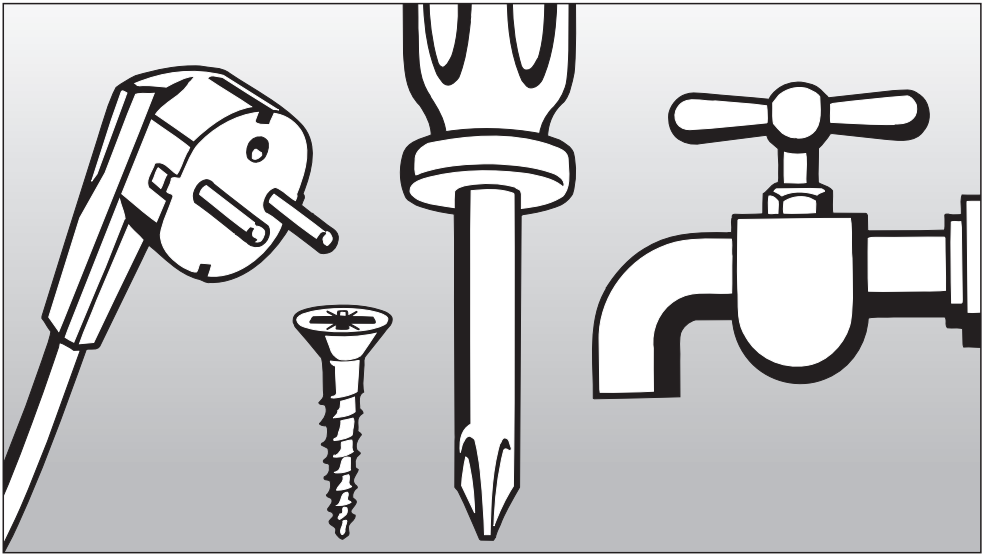


Installation Instructions
KM 5993

en-CA

Installation, repair and maintenance work should be performed by a Miele authorized service technician in accordance with national and local safety regulations and the provided installation instructions.

Important safety instructions

This cooktop complies with all applicable safety laws and regulations. However, improper use can result in personal injury and material damage.

Before using the cooktop for the first time, carefully read the Instructions for installation and operation.
These operating instructions contain important information on the safety, installation, operation, and care of your appliance. Reading the instructions will help reduce the risk of personal injury or damage to the appliance.

Keep them in a safe place and pass them on to any future user.

Proper use

▶ Only use the cooktop for household use, and for the purposes described in this manual.
Other uses are not allowed and can be possibly dangerous. The manufacturer will not be held liable for damage caused by unauthorized use or improper operation of any kind.

▶ Individuals who are incapable of using the cooktop safely, because of physical, sensory or mental limitations,or a lack of experience or knowledge, should not use this appliance without supervision or instruction by a responsible person.

Children around the appliance

▶ Use the system lock to prevent children from inadvertently switching on the cooktop or changing the settings.

▶ Always supervise any children in the vicinity of the cooktop. Never allow children to play with the appliance.

▶ Children should use the cooktop only if they have received sufficient instruction to operate it safely. They must be able to recognize the potential hazards of improper use.

▶ The cooktop is hot during use and remains so for some time after being switched off. Keep children away from the appliance until it has cooled down enough that there is no longer any danger of burns.

▶ Keep the spaces above and behind the appliance clear of any items that could draw the interest of a child. Otherwise, a child might be tempted to climb on it. Danger of burns!

▶ Make sure that children will not be able to grab and topple any cookware on the cooktop. ALWAYS turn pot/pan handles inward so that they do not extend out from the cooktop, where they could be grabbed - this helps reduce the danger of burns and scalding! A special childproofing screen is available through your dealer, to help reduce these risks.

▶ Packing materials (e.g., foil, styrofoam) can be dangerous for children. Danger of suffocation! Keep packaging materials out of the reach of children and dispose of them as promptly as possible.

Technical safety

▶ Before installing the cooktop, check for externally visible damage. NEVER operate a damaged appliance. A damaged appliance can endanger your safety.

▶ The electrical safety of this cooktop can only be guaranteed if proper grounding has been installed in compliance with applicable safety regulations. It is imperative that this basic safety requirement be met.
In case of doubt, have the power supply checked by a qualified electrician. The manufacturer will not be held liable for damages resulting from a missing, broken or inadequate grounding system (for example, electric shock).

▶ Before connecting the cooktop, you must make sure that the electrical rating (voltage and frequency, indicated on the data plate) corresponds to the household electrical supply.
These ratings must match, in order to avoid damaging the appliance. If in doubt, please contact a qualified electrician.

▶ To ensure safe operation, use the appliance only after it has been installed in place.

▶ Do not under any circumstances open the cooktop housing.
Any contact with connections carrying voltage, or changes to the electrical or mechanical set-up, will endanger you and may impair the functioning of the appliance.

▶ Only professionals who are duly authorized by the manufacturer should perform installation work, maintenance, and repairs on this appliance.
Work performed by unqualified persons carries the risk of serious harm to the user. The manufacturer will not be held liable for such harm.

▶ Whenever performing installation or maintenance work or repairs, the appliance must be disconnected from the power supply. The appliance is considered to be electrically disconnected when one of the following conditions is met:

– The fuses or circuit breakers are tripped.
– The screw-in type fuses are fully unscrewed.
– The power cable is disconnected from the electrical system.

▶ Repair of the cooktop during the warranty period should be performed only by a service who is authorized by the manufacturer; otherwise, should damage result, it will not be covered by the warranty.

▶ Defective components should be replaced by genuine Miele replacement parts only. Only these parts are guaranteed by the manufacturer to comply with safety requirements.

▶ If the power cord is damaged, it must be replaced with a special power cord, which is available from the manufacturer or from Customer Service.

▶ Do not connect the appliance to the power supply by an extension cord or power strip, as they do not guarantee the required safety of the appliance (danger of overheating, for example).

▶ If you discover that the cooktop is defective or its ceramic glass is chipped, cracked or broken in any way, do not use it or immediately switch it off and do not continue to operate it. Disconnect the appliance from the power supply. If you fail to follow these steps, there is the danger of electric shock!

Proper use

▶ For users who wear a pacemaker: It is important to note that the appliance is surrounded by an electromagnetic field. It is unlikely that the pacemaker will be affected.
However, it is wise to consult with your cardiologist or the manufacturer of the pacemaker if there is any doubt.

▶ Magnetized objects, such as credit cards, diskettes, and calculators should be kept away from the appliance when it is on. Otherwise, they may be affected.

▶ The cooktop is hot during use and remains so for some time after being switched off. The risk of burns remains until the residual heat indicators have switched off.

▶ Never leave the cooktop unsupervised while in operation! Cookware that boils dry and overheats can cause damage to the glass ceramic, and the manufacturer will not be held liable for such damage. Overheated fat or oil can ignite and start a fire.

▶ If hot fat or oil catches fire, NEVER use water to douse the flames. Use a lid, or wet dishtowel, for example, to put out the fire.

Important safety instructions

▶ Protect your hands when working with a hot appliance - wear oven mitts, and use potholders, etc. Make sure the material is not wet or damp. This would increase the transfer of heat to your skin, and could cause burns.

▶ Never flambé food under an exhaust hood. The flames can set fire to the exhaust hood.

▶ Do not use the appliance as a storage surface.
Do NOT use the appliance as a resting place for cutlery or other items made of metal
If the cooktop is on or accidentally switched on or there is residual heat, metallic objects can heat up and cause burns.
Other items may melt or catch fire.
Damp lids can become attached to the cooktop by suction.
Always switch the cooking zone(s) off after use.

▶ NEVER cover the grill with a cloth or foil stovetop protector. It could be hot enough to set objects on fire.

▶ Do not use plastic or aluminum foil or cookware. It can melt at high temperatures. There is also the danger of fire.

▶ NEVER use the appliance to heat up closed containers, e.g., canned foods. The increased pressure can cause the containers/cans to explode, and this carries the danger of injury and burns.

▶ Choose pots and pans with a smooth bottom only. Rough cookware can scratch the glass ceramic cooktop.

▶ Never heat dishware when it is empty, unless expressly permitted by the manufacturer. Because induction heating works so quickly, the temperature of the cookware bottom can quickly reach the ignition point of oils and fats.

▶ Keep the cooktop clean. Salt, sugar, and grains of sand or dirt (for example, from fresh vegetables) can cause scratches.

▶ Never place hot cookware near the control panel. The electronic unit underneath might be damaged.

▶ Be careful that no objects or cookware fall onto the glass ceramic surface. Even a light object, such as a salt shaker, can cause cracks and chips in the glass ceramic.

▶ If sugar, sugary foods, plastic, or aluminum foil fall onto a hot cooking zone, switch the appliance off. Immediately, while the zone is still hot, use a glass scraper to thoroughly eliminate the spill from the cooking zone. Failure to do so can lead to damage to the glass ceramic as it cools down. Exercise caution - danger of burns. Once the cooking zone has cooled off, clean it thoroughly.

▶ If a gadget is plugged into a socket near the appliance, check to be sure that the power cord does not come into contact with the hot appliance. This could damage the insulation on the cord. Danger of electric shock!

▶ The appliance is equipped with a cooling fan. If there is a drawer below the cabinetry, you will need to ensure there is enough space to allow for ventilation. Do not use the drawer to store sharp or small objects, or paper. They could pass through (or be sucked into) the ventilation slit in the housing and damage the fan blades or otherwise interfere with cooling.

▶ If there is a drawer below the appliance, do NOT store any spray cans, flammable liquids, or flammable materials in the drawer. Cutlery trays must be made of heat-resistant material.

▶ Note that metal objects stored in a drawer under the cooktop can become hot when the appliance is in heavy use.

▶ Always cook food thoroughly. Temperatures must be high enough, and the cooking times long enough, to kill any germs in the food.

▶ If the cooktop is installed above a self-cleaning oven or stovetop, do not use it during self-cleaning, as this could trigger the overheat protection on the cooktop (refer to the corresponding section of the manual).

The manufacturer will not be held liable for damage caused by failure to comply with the safety information and warnings.

IMPORTANT SAFETY INSTRUCTIONS - INSTALLATION

Note to the installer:
Please leave this instruction book with the consumer for the local electrical inspector's use.

The minimum distances given in these Installation Instructions must be observed in order to ensure safe operation. Failure to do so increases the risk of fire.

The cabinetry and venting hood should be installed first to prevent damage to the appliance.

▶ The countertop must be bonded with heat resistant (212 °F/100 °C) adhesive to prevent distortion or dissolving.
Any back splashes must be heat-resistant as well.

▶ The appliance has not been designed for maritime use or for use in mobile installations such as recreational vehicles or aircraft. However, under certain conditions it may be possible for installation in these applications. Please contact the Miele Technical Service Department with specific requirements.

▶ The appliance must not be installed over a dishwasher, washer, dryer, refrigerator or freezer. Heat radiated by the appliance may damage them.

▶ The appliance must not be installed above an oven not equipped with a cooling fan.

▶ To eliminate the risk of burns or fire by reaching over heated surfaces, cabinet storage space above the appliance should be avoided. If cabinet storage is necessary, the risk can be reduced by installing a venting hood to project horizontally a minimum of 5" (127 mm) beyond the front of the cabinets.

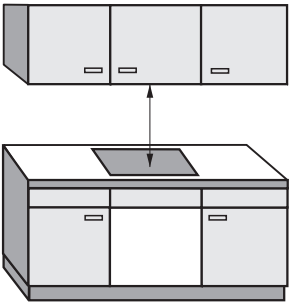
▶ Make sure that the power cord to the cooktop does not come into contact with the underside of it or any mechanical parts once the cooktop has been installed.

▶ The appliance must not be permanently sealed into the countertop when installed. The sealing strip under the edge of the appliance provides a sufficient seal for the countertop. See "Sealing".

Keep this instruction book in a safe place for reference and pass it on to any future user.

IMPORTANT SAFETY INSTRUCTIONS - INSTALLATION

Safety distances above the appliance



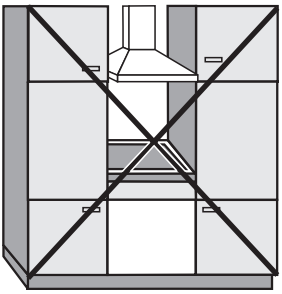
The minimum safety distance given by the hood manufacturer must be maintained between the cooktop and the hood above it. See the installation instructions of the hood for these safety measurements.

If the hood manufacturers instructions are not available or if flammable objects are installed over the combiset (e.g. cabinets, utensil rail, etc.), a minimum safety distance of 30" (760 mm) must be maintained.

If there is more than one appliance beneath a hood (e.g. wok burner and electric cooktop), and they have different minimum safety distances, always observe the greater distance.

Safety distances to the sides and rear of the cooktop

If you are installing a cooktop, it is allowed to have cabinets or walls of any height on one side and at the rear, but on the other side there must be no appliance or furniture standing higher than the cooktop (see illustrations).

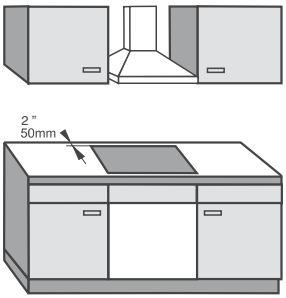


Not allowed

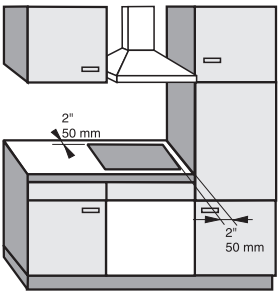
Following minimum safety clearances must be kept:

– 50 mm to the right or left of the countertop cut-out to the nearest piece of furniture (e.g., a tall cupboard).

– 50 mm from the countertop cut-out to the rear wall.



Highly recommended



Not recommended

Safety distance underneath the cooktop

To ensure sufficient ventilation of the appliance, a certain gap must be left between the underside of the cooktop and any oven, intermediate shelf or drawer.

The minimum distance from the underside of the cooktop to

– the top of an **oven** must be **15 mm**.

– the top of an **intermediate shelf** must be **15 mm**.
At the rear, to accommodate the electrical power cable, a gap of 10 mm must be provided.

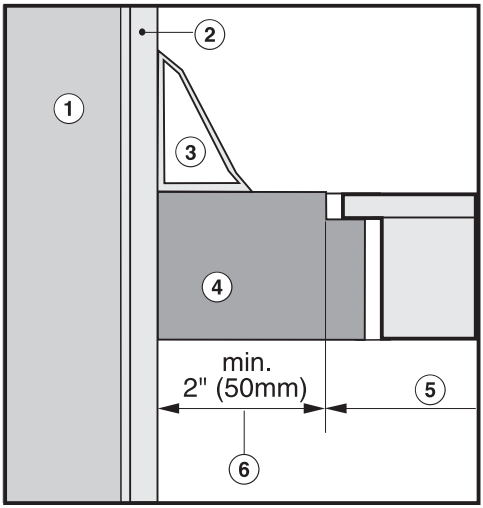
– the base of a **drawer** must be **75 mm**.

IMPORTANT SAFETY INSTRUCTIONS - INSTALLATION

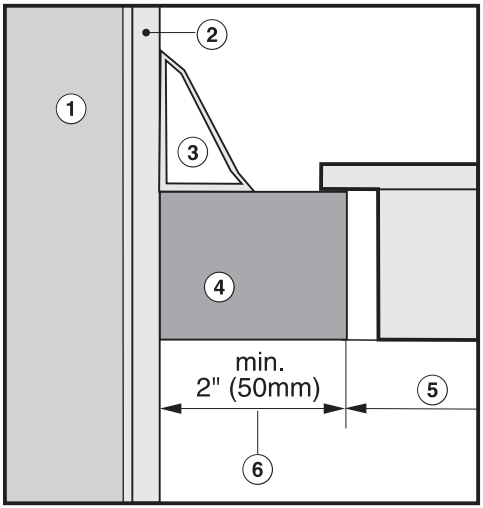
Safety distance when installing the appliance near a wall with trim or a back splash

A minimum distance of 2" (50 mm) between the trim or back splash and the countertop cut-out if required.
This distance is only necessary if these items are made of combustible materials e.g. wood. If the trim or back splash is made of a non-combustible material, the required safety distance can be reduced by the thickness of the wall covering material.

Cooktops flush with the countertop



Frame/Facet cooktops



① Wall frame

② Ply wood, particle board or dry wall

③ Trim or back splash

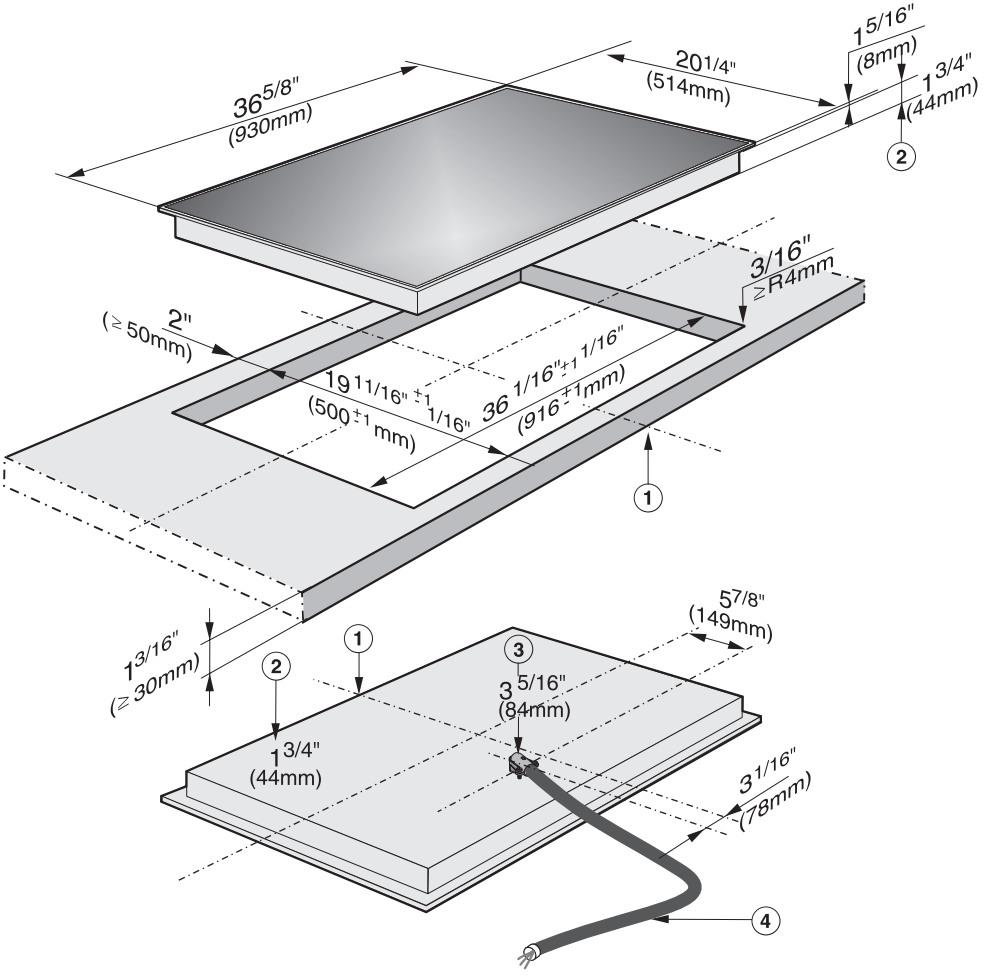
④ Countertop

⑤ Countertop cut-out

⑥ 2" (50 mm) minimum clearance

Installation dimensions

KM 5993



① Front

② Installation depth

③ Installation depth power cord

④ Power cable, L = 1440 mm

Cooktops with frame or beveled edges

Preparing the countertop

- Use the dimensional line drawing to make a work cut-out.
  Be sure to observe the **minimum distance** from the rear wall and from the left or right to a side wall. See the section on "IMPORTANT SAFETY INSTRUCTIONS - INSTALLATION".
- Seal any wooden work surfaces with a special varnish, silicone rubber, or resin, to help prevent swelling from moisture.
  The materials used must be temperature-stable.

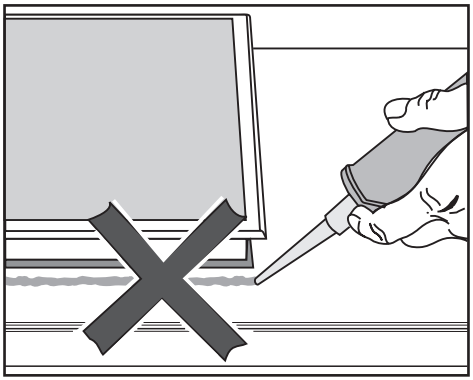
If, during installation, you find that the seal on the corners of the frame are not flush with the countertop, the corner radii ≤ R4 can be carefully cut out with a jig saw.

No clamps will be required to for installation of the appliances, a seal underneath will keep the cooktop solidly seated in the cutout. The gap between the frame and the countertop will reduce over time.

Inserting the cooktop

- Feed the appliance power cord downward through the cut-out.
- Place the cooktop centered in the cutout. Ensure that the cooktop seal sits flush with the countertop on all sides. This is necessary for a proper seal all the way around. Do NOT use sealant.
- Connect the cooktop.
- Check the cooktop for function.

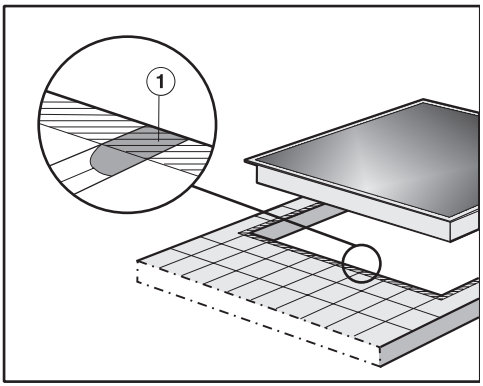
Sealing advice



The cooktop must not be permanently sealed into the countertop when installed. The sealing strip under the edge of the cooktop provides a sufficient enough seal.

If the cooktop is sealed into position, the countertop or the appliance may be damaged if the cooktop needs to be removed for maintenance or service.

Tiled countertop

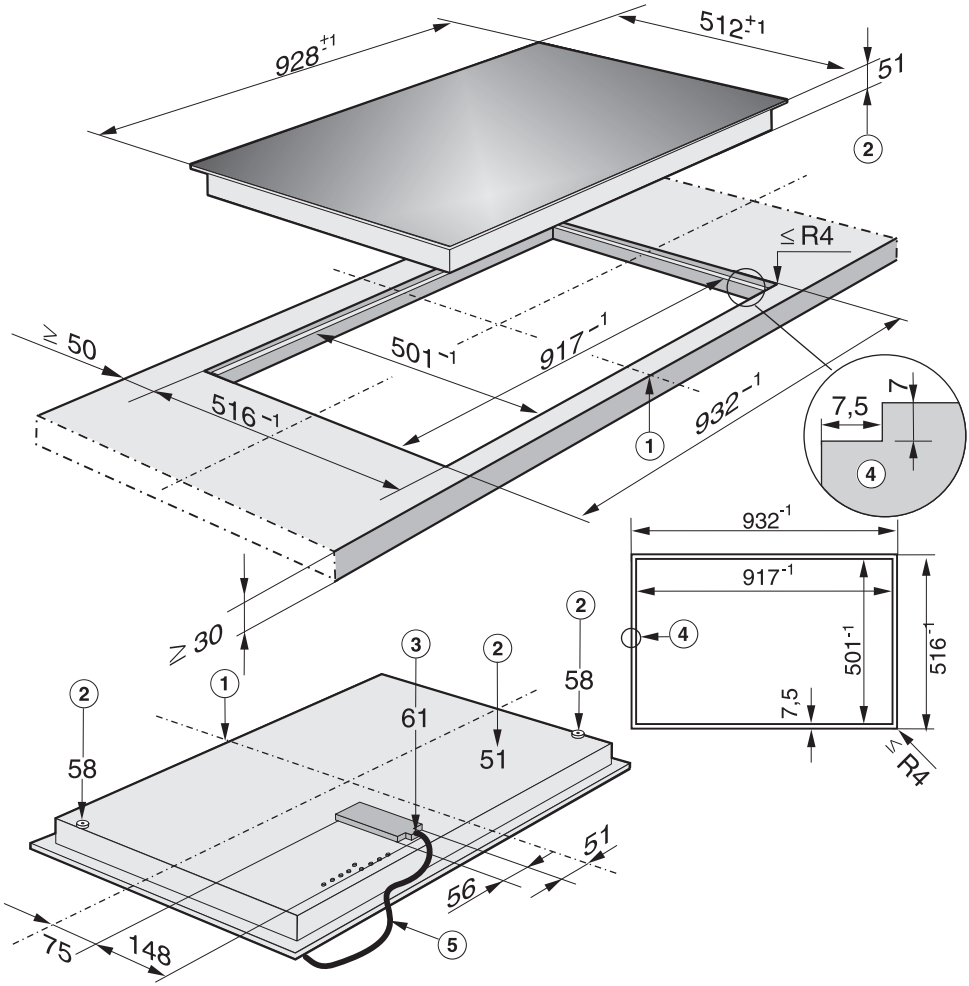


Grout lines ① and the hatched area underneath the cooktop frame must be smooth and even, so that the frame will sit flush with the countertop and the sealing strip underneath the edge of the upper part of the appliance provides a sufficient seal between the cooktop and the countertop.

Flush-fitted cook tops

Installation dimensions

KM 5987



① Front

② Installation depth

③ Installation depth, including power cable

④ Stepped cutout for granite or marble worktops

⑤ Power cable, L = 1440 mm

Cutout dimensions for granite or marble worktops:
Please take careful note of the inset detail drawing!

Installation

A flush-fitting cooktop is suitable only for installation in natural stone (granite, marble), tiled or solid wood worktops. Other materials, such as Corian and Askilan, are not suitable.

A base unit 1000 mm wide is required for installation.

The cooktop must be freely accessible from below for servicing purposes so that the seal around it is not removed.

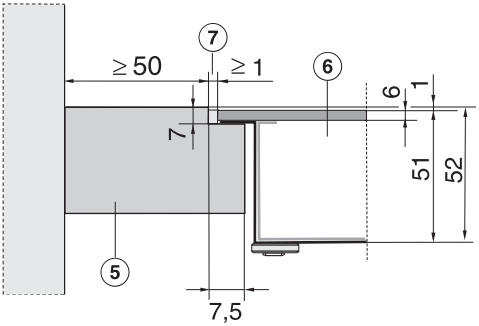
The cooktop is

– directly inserted into a matching cut-out in a granite or marble worktop.

– in a cutout in a solid wood or tiled worktop carried on a wooden support frame. The frame must be provided on site and is not supplied with the appliance.

Making the worktop cutout and installing the cooktop

Granite or marble worktop



⑤ Worktop

⑥ Cooktop

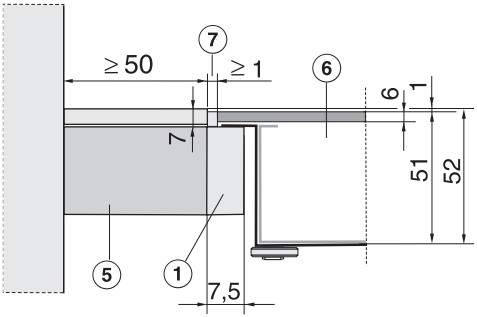
⑦ Gap width

Since the ceramic glass plate and the worktop cutout have a certain dimensional tolerance, the gap width ⑦ can vary (min. 1 mm).

- Make the worktop cutout as shown in the illustrations.
- Feed the appliance power cord downward through the countertop cut-out.
- Place the cooktop ⑥ in the cutout and center it.
- Connect the cooktop.
- Check that the cooktop is functioning properly.
- Spray the remaining gap ⑦ with a temperature-resistant (to at least 160 °C) silicone sealant.

For granite and marble worktops, use only a silicone sealant that is suitable for stone worktops and follow the sealant manufacturer's instructions.

Solid wood or tiled worktop



① 7.5 mm
(wooden frame - not supplied with appliance)

⑤ Worktop

⑥ Cooktop

⑦ Gap width

Since the ceramic glass plate and the worktop cutout have a certain dimensional tolerance, the gap width ⑦ can vary (min. 1 mm).

- Make the worktop cutout as shown in the illustrations.
- Fix the wooden frame ① 7 mm below the top edge of the worktop (see illustration).
- Feed the appliance power cord downward through the countertop cut-out.
- Place the cooktop ⑥ in the cutout and center it.
- Connect the cooktop.
- Check that the cooktop is functioning properly.
- Spray the remaining gap ⑦ with a temperature-resistant (to at least 160 °C) silicone sealant.

Observe the silicone-sealant manufacturer's instructions. For **granite- and marble-tiled worktops** use only silicone sealant especially formulated for granite and marble.

Electrical connection

⚠ CAUTION: Before installation or servicing, disconnect the power supply by either removing the fuses, shutting off the power main or manually "tripping" the circuit breakers.

Installation work and repairs should only be performed by a qualified technician in accordance with all applicable codes and standards. Repairs and service by unqualified persons could be dangerous and the manufacturer will not be held responsible.

Before connecting the appliance to the power supply, make sure that the voltage and frequency listed on the data plate correspond with the household electrical supply. This data must correspond to prevent appliance damage. Consult an electrician if in doubt.

Only operate the cooktop after it has been installed into the countertop.

Installer:
Please leave these instructions with the consumer.

Power supply

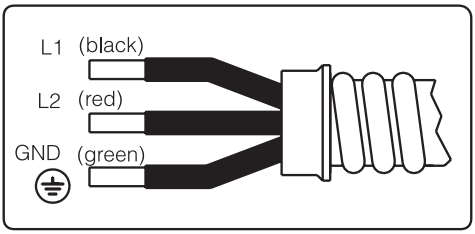
- Make sure your electrical supply matches the data plate.

Connection

The cooktop is ready for connection to a grounded power supply.

208 / 240 V, 60 Hz, 50 A fuse rating.

Connect as following:
Black wire: connect to L1 (hot)
Red wire: connect to L2 (hot)
Green wire: connect to GND (ground)



A dedicated line and junction box should be used to connect the cooktop to a 50 A circuit.

For further information, see the wiring diagram provided with the appliance.

⚠ **WARNING:**
THIS APPLIANCE MUST BE GROUNDED!

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For the most updated manual see the Miele web site.